



PTO/SB/08A (10-01)

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Application Number</b>	10/691,201
		<b>Filing Date</b>	October 22, 2003
		<b>First Named Inventor</b>	Haller, et al.
		<b>Art Unit</b>	3762
		<b>Examiner Name</b>	Scott M. Getzow
<b>Sheet</b>	1	<b>of</b>	3
		<b>Attorney Docket</b>	AB-233U5A

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
SG	A 1	US-4,678,868	07-07-1987	Kraska, et al.	
	A 2	US-4,991,582	02-12-1991	Byers, et al.	
	A 3	US-5,046,242	09-10-1991	Kuzma	
	A 4	US-5,193,539	03-16-1993	Schulman, et al.	
	A 5	US-5,193,540	03-16-1993	Schulman, et al.	
	A 6	US-5,272,283	12-21-1993	Kuzma	
	A 7	US-5,312,439	05-17-1994	Loeb	
	A 8	US-5,405,367	04-11-1995	Schulman, et al.	
	A 9	US-5,513,793	05-07-1996	Malmgren	
	A 10	US-5,820,476	04-15-1997	Truex, et al.	
	A 11	US-5,840,764	06-24-1997	Strojnink	
	A 12	US-5,738,270	04-14-1998	Malmgren	
	A 13	US-5,750,926	05-12-1998	Schulman, et al.	
	A 14	US-5,782,891	07-21-1998	Hassler, et al.	
	A 15	US-5,811,206	09-22-1998	Sunderland, et al.	
	A 16	US-5,821,011	10-13-1998	Taylor, et al.	
	A 17	US-5,843,140	12-01-1998	Strojnink	
	A 18	US-5,866,851	02-02-1999	Taylor, et al.	
	A 19	US-5,867,361	02-02-1999	Wolf, et al.	
	A 20	US-5,870,272	02-09-1999	Seifried, et al.	
	A 21	US-5,871,513	02-16-1999	Taylor, et al.	
	A 22	US-6,031,710	02-29-2000	Wolf, et al.	
	A 23	US-6,051,017	04-18-2000	Loeb, et al.	
	A 24	US-6,052,623	04-18-2000	Fenner, et al.	
	A 25	US-6,061,596	05-09-2000	Richmond, et al.	
	A 26	US-6,164,284	12-26-2000	Schulman, et al.	
	A 27	US-6,175,764-B1	01-16-2001	Loeb, et al.	
	A 28	US-6,181,965-B1	01-30-2001	Loeb, et al.	
	A 29	US-6,185,452-B1	02-06-2001	Schulman, et al.	
	A 30	US-6,185,455-B1	02-06-2001	Loeb, et al.	
	A 31	US-6,208,894-B1	03-27-2001	Schulman, et al.	
	A 32	US-6,214,032-B1	04-10-2001	Loeb, et al.	

Examiner Signature	SG.	Date Considered	9/20/06
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			<b>Examiner Name</b>	Scott M. Getzow	
<b>Sheet</b>	2	of	3	<b>Attorney Docket</b>	AB-233U5A

33	A 33	US-6,221,513-B1	04-24-2001	Lasater	
	A 34	US-6,259,937-B1	07-10-2001	Schulman, et al.	
	A 35	US-6,315,721-B2	11-13-2001	Schulman, et al.	
	A 36	US-6,415,184-B1	07-02-2002	Ishikawa, et al.	
	A 37	US-6,464,687-B1	10-15-2002	Ishikawa, et al.	
	A 38	US-6,516,808-B2	02-11-2003	Schulman	
	A 39	US-6,521,350-B2	02-18-2003	Fey, et al.	
	A 40	US-6,553,263-B1	04-22-2003	Meadows, et al.	
	A 41	US-6,567,703-B1	05-20-2003	Thompson, et al.	
	A 42	US-6,582,441-B1	06-24-2003	He, et al.	
	A 43	US-6,622,048-B2	09-16-2003	Fraleigh, et al.	
	A 44	US-6,660,116-B2	12-09-2003	Wolf, et al.	
	A 45	US-2001/0046625-A1	11-29-2001	Ruth, II, et al.	
✓	A 46	US-2003/0096162-A1	05-22-2003	Lasater, et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code <sup>2</sup>	-Number <sup>3</sup>	-Kind Code <sup>4</sup> (if known)				
36 ↓ ✓	A 47	EP	0714317-B1		09-04-2002	Hassler, et al.		
	A 48	EP	0844899-B1		07-03-2003	Schulman, et al.		
	A 49	WO	97/18857-A1		05-29-1997	Richmond, et al.		
	A 50	WO	00/01320-A2		01-13-2000	Loeb, et al.		
	A 51	WO	00/01320-A3		01-13-2000	Loeb, et al.		
	A 52	WO	00/56394-A1		09-28-2000	Schulman		
	A 53	WO	00/56677-A1		09-28-2000	Malmgren, et al.		
	A 54	WO	01/24962-A1		04-12-2001	Schulman		

<b>Examiner Signature</b>	S. G.	<b>Date Considered</b>	4/20/06
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
<b>Examiner Initials*</b>	<b>Cite No.<sup>1</sup></b>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	<b>T<sup>2</sup></b>

S6 ↓ ↓	A 55	CAMERON, et al., "Micromodular Implants to Provide Electrical Stimulation of Paralyzed Muscles and Limbs", IEEE Transactions on Biomedical Engineering, Vol. 44, No. 9, (Sept. 1997), pages 781-790.	
	A 56	LOEB, et al., "BION™ Bionic Neurons for Functional and Therapeutic Electrical Stimulation", 20th Annual International Conference of IEEE Engineering in Medicine and Biology "Biomedical Engineering Towards the Year 2000 and Beyond", October 29-November 1, (1998), Hong Kong, 5 pages.	
	A 57	LOEB, et al., "North Sea: Transducers and Electrodes - Injectable Microstimulator for Functional Electrical Stimulation", Med. & Biol. Eng. & Computer, North Sea Special Feature, 29 (Nov. 1991), pages NS13-NS19.	

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